

FORTHCOMING PUBLICATIONS (A)

SEPTEMBER 2002, Vol 76, No. 5

Rapid Communication

Degenerate and inverted Hierarchical models of majorana neutrinos from see-saw mechanism

N NIMAI SINGH AND MAHADEV PATGIRI

Condensed Matter & Materials Physics

Synthesis and characterization of tetraethylammonium tetrachloro cadmate crystals

G AMIRTHAGANESAN, M A KANDHASWAMY AND V SRINIVASAN

Influence of Nb₂O₅ addition on crystallization, microstructure development and dielectric behaviour of strontium titanate borosilicate glass ceramic system

O P THAKUR, DEVENDRA KUMAR, OM PRAKASH AND LAKSHMAN PANDEY

Structural modification of polypropylene-Bijoypur white clay (PP-BWC) composites

A RAZZAK AND A H BHUIYAN

Preparation and characterization of K₂Mg₂(SO₄)₃ : Eu phosphor for thermoluminescence dosimetry

S J DHOBLE, A K PANIGRAHI, R S KHER AND S V MOHARIL

Study of thermal pressure for alkali halides and geophysical minerals

K S SINGH

Study of beta-irradiation effects on polymethylmethacrylate (PMMA) using (PALT), low doses

A A ABDULLAH, A A AL-BAYATI AND A A SELMAN

Nuclear Physics

K'-scattering

A M FARHAN

Particle Physics

Magnetic symmetry, flux screening and colour confinement in dual QCD

HEMWATI NANDAN, H P PANDEY AND H C CHANDOLA

Statistical Physics

An appropriate candidate for exact distribution of closed random walks using quantum groups

S A ALAVI AND M SARBISHAEI

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Notes

Proton induced X-ray emission studies on Indian copper coins

V VIJAYAN, PRANABA K NAYAK AND V CHAKRAVORTTY

X-ray diffraction studies on Jaggery samples

S T PAWAR AND M B DONGARE

X-ray diffraction studies of 2-[2'-hydroxy salicylidene 5'-(2"-thiazolylazo)] phenol

P P HANKARE AND S S CHAVAN

Proceeding

The morning star of modern science in India : Mahendra Lal Sircar and the Indian Association for the Cultivation of Science

JOHN LOURDUSAMY